

Claims

1. A filling material for use with paving flags and the like comprising at least one base material, at least one binder, at least one cross-linking agent, a solvent and at least one cure retarder.
- 5 2. A material according to claim 1, wherein the base is a granular material having a particle size in the range from 0.1 to 6.0mm.
3. A material according to claim 1 or claim 2, wherein the base material is selected from any of the following either along or in combination: silica, sand, crushed glass, granite and basalt.
- 10 4. A material according to any one of the preceding claims, wherein the base material constitutes from 95 to 99% w/w of the material.
5. A material according to any one of the preceding claims, wherein the binder is a blend of drying oils of vegetable or synthetic origin.
6. A material according to any one of the preceding claims, wherein the binder is
15 selected from any of the following either alone or in combination: polybutadiene, alkyd resin and linseed oil.
7. A material according to any one of the preceding claims, wherein the binder constitutes from 1 to 5% w/w of the material.
8. A material according to any one of the preceding claims, wherein the solvent
20 is an aliphatic and/or aromatic hydrocarbon solvent.
9. A material according to any one of the preceding claims, wherein the solvent is white spirit.
10. A material according to any one of the preceding claims, wherein the solvent constitutes from 0.1 to 2% w/w of the material.
- 25 11. A material according to any one of the preceding claims, wherein the cross-linking agent is selected from any of the following either alone or in combination: cobalt octoate, cobalt zirconium complexes or manganese salts.

12. A material according to any one of the preceding claims, wherein the retarder is selected from any of the following either alone or in combination: terpene oil, pine oil or methyl ethyl ketoxime.

13. A material according to any one of the preceding claims, wherein the retarder
5 constitutes from 0.00005 to 0.05% w/w of the material.

14. A material according to any one of the preceding claims, wherein the material does not cure on immediate exposure to oxygen.

15. A material according to any one of the preceding claims, wherein, once cured, the material is permeable to water and oxygen.

10 16. A method for preparing a filling material for use with paving flags and the like comprising the steps of: blending together a retarder and solvent with a binder and adding to this at least one base material.

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